What is claimed is:

1. A method for performing an intra-packet data service node (PDSN) soft handoff, comprising the steps of:

(a) setting up a channel passing through a target base station controller (T-BSC), a source base station controller (S-BSC) and a PDSN by establishing a direct channel link between the S-BSC and the T-BSC in an active packet session mode;

(b) performing a handoff between the S-BSC, the T-BSC and a mobile station (MS);

(c) transmitting or receiving user packet data exchanged between the MS, and the S-BSC and the T-BSC to or from the PDSN through the established channel link; and

(d) sending or receiving user packet data exchanged between the MS and the T-BSC to or from the PDSN through the established channel link when the handoff is completed.

2. The method as recited in claim 1 further comprising the steps of:

(e) establishing a channel link between the T-BSC, a target packet control function (T-PCF) and the PDSN in a dormant packet session mode;

(f) releasing the channel link set up between the S-BSC, the S-PCF and the PDSN; and

(g) releasing the channel link established between the S-BSC and the T-BSC, which is established in the step (a).

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3.   The method as recited in claim 1, wherein, in the step (c), one of packet data transmitted from the MS to the PDSN through the S-BSC and the T-BSC is selected and transmitted to a wireless packet data service network.

4.   The method as recited in claim 1, wherein the channel link established between the S-BSC and the T-BSC is an A3 channel link set up by transmitting an A7 Handoff Request message from the S-BSC to the T-BSC.